

PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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### Complete if Known

Application Number	10/376,956 <i>Plas, 702</i>
Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Art Unit	
Examiner Name	

Attorney Docket Number

TPI-350C1

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY			
/AC/	F1	GB 1 297 261 A	11-22-1972 (22 Nov 1972)	E.R. Squibb & Sons, Inc.	whole document	
	F2					
	F3					
	F4					
	F5					
	F6					
	F7					

Examiner Signature	/Abigail Cotton/ (03/20/2007)	Date Considered	03/20/2007
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Substitute for form 1449B/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

2

of

2

*Complete if Known*

Application Number	10/378,956-101600,202
Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Group Art Unit	
Examiner Name	

Attorney Docket Number

TPI-350C1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/AC/	R1	BRADER, M.L. <i>et al.</i> <i>Nature Biotechnol.</i> , 2002, 20 :800-804.	
/AC/	R2	EL-NAHHAS, S.A. <i>Pharmazie</i> , 1996, 51(12):960-963.	
/AC/	R3	FLEISCHMAN, S.G. <i>et al.</i> <i>Crystal Growth &amp; Design</i> , 2003, 3(6): 909-919.	
/AC/	R4	OSWALD, I.D.H. <i>et al.</i> <i>Acta Cryst.</i> , 2002, B58:1057-1066.	
/AC/	R5	REYNOLDS, J.E.F. (ed). Martindale, The Extra Pharmacopoeia, 1993, The Pharmaceutical Press, London, England, 13 <sup>th</sup> Edition, pp. 1431 (e.g., Acetaminophen, Aspirin, and Caffeine Tablets), 1465 (e.g., Aspirin plus C), 1521 (Codafen Continus), 1610 (Gaboril Complex).	
/AC/	R6	WALSH, R.D. Bailey <i>et al.</i> <i>Chem. Commun.</i> , 2003, 2003:186-187.	
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

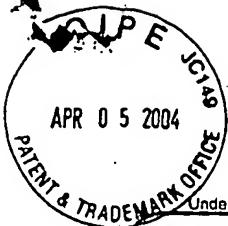
Examiner Signature	/Abigail Cotton/ (03/20/2007)	Date Considered	03/20/2007
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**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 2

**Complete if Known**

Application Number	10/660,202
Filing Date	September 11, 2003
First Named Inventor	Orn Almarsson
Art Unit	
Examiner Name	
Attorney Docket Number	TPI-350C1

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/AC/	1	WO 03/074474 A2	09-12-2003	Zaworotko et al	Pls review all	
/AC/	2	WO 03/033462 A2	04-24-2003	Matzger et al.	Pls review all	
/AC/	3	WO 01/51919 A2	07-19-2001	Levinson et al.	Pls review all	
/AC/	4	WO 01/42222 A1	06-14-2001	Ferro et al.	Pls review all	

**Examiner  
Signature**

/Abigail Cotton/ (03/20/2007)

Date Considered

03/20/2007

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Substitute for form 1449/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	10/660,202
		Filing Date	September 11, 2003
		First Named Inventor	Orn Almarsson
		Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	TPI-350C1

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/AC/	5	WEISSBUCH, I. et al., "Understanding and Control of Nucleation, Growth, Habit, Dissolution and Structure...," Acta Cryst. (1995), pp. 115-148, vol. B51	<input checked="" type="checkbox"/>
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Examiner Signature	/Abigail Cotton/ (03/20/2007)	Date Considered	03/20/2007
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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### Complete if Known

Application Number	10/660,202
Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Art Unit	
Examiner Name	

Attorney Docket Number

TPI-350C1

### U.S. PATENT DOCUMENTS

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	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
/AC/	F1	WO 02/056878 A2	07-25-2002	Pharmacia Corp.	All	
/AC/	F2	WO 01/41536 A2	06-14-2001	Pharmacia Corp.	All	
/AC/	F3	EP 1167355 A1	01-02-2002	Fako Iladari A.S.	All	
	F4					
	F5					
	F6					
	F7					

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Substitute for form 1449A/PTO				Complete If Known	
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				Filing Date	September 11, 2003
				First Named Inventor	Orn Almarsson
				Art Unit	1653
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	TPI-350C1

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U9	US-				

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ACI	F1	WO 01/42221 A1	06-14-2001	Pharmacia Corp.	All
	F2				
	F3				
	F4				
	F5				
	F6				
	F7				

Examiner Signature	/Abigail Cotton/ (03/20/2007)	Date Considered	03/20/2007
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

36

Complete if Known	
Application Number	10/660,202
Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Art Unit	1617
Examiner Name	Leonard Williams
Attorney Docket Number	TPI-350C1

### U.S. PATENT DOCUMENTS

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		Number - Kind Code <sup>2</sup> (if known)			
/AC/	U1	US-2,711,411	06-21-1955	Holbert, et al.	All
	U2	US-4,198,507	04-15-1980	Barry, et al.	All
	U3	US-4,368,197	01-11-1983	Shefter, et al.	All
	U4	US-4,994,604	02-19-1991	Tung, et al.	All
	U5	US-5,177,262	01-15-1993	Taylor, et al.	All
	U6	US-5,332,834	07-26-1994	Bhattacharya, et al.	All
	U7	US-5,338,644	08-16-1994	Taylor, et al.	All
	U8	US-5,380,867	01-10-1995	Bhattacharya, et al.	All
	U9	US-5,412,094	05-02-1995	Amos, et al.	All
	U10	US-5,523,090	06-04-1996	Znaiden, et al.	All
	U11	US-5,614,342	03-25-1997	Molaire, et al.	All
	U12	US-5,998,413	12-07-1999	Heeres, et al.	All
	U13	US-6,001,996	12-14-1999	Amos, et al.	All
	U14	US-6,268,385	07-31-2001	Whittle, et al.	All
	U15	US-6,570,036	05-27-2003	Reuter	All
	U16	US-2003/0162226	08-28-2003	Cima, et al.	All
	U17	US-2003/0166581	09-04-2003	Almarsson, et al.	All
	U18	US-2003/0224006	12-04-2003	Zaworotko, et al.	All
▼	U19	US-2004/0019211	01-29-2004	Remenar, et al.	All
	U20	US-2004/0106052	06-03-2004	Molaire	All

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Sheet	2	of	36	Filing Date	September 11, 2003
				First Named Inventor	Örn Almarsson
				Art Unit	1617
				Examiner Name	Leonard Williams
				Attorney Docket Number	TPI-350C1

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	U26	US-2005/0181041	08-18-2005	Goldman	All
	U27	US-2005/0169982	08-04-2005	Almarsson, et al.	All
	U28	US-2005/0252649	11-17-2005	Chiu, et al.	All
	U29	US-2005/0256127	11-17-2005	Ku, et al.	All
	U30	US-6,559,293	05-06-2003	Almarsson, et al.	All
	U31	US-6,699,840	03-02-2004	Almarsson, et al.	All
	U32	US-2004-0053853	03-18-2004	Almarsson, et al.	All
	U33	US-2005/0070551 A1	03-31-2005	Remenar, et al.	All
	U34	US-2003/00224006	12-04-2003	Zaworotko et al.	All
	U35	US-3,536,809	04-09-1991	Schaller et al.	All
	U36	US-3,598,123	08-10-1971	Zaffaroni	All
	U37	US-3,845,770	11-05-1974	Theeuwes et al.	All
	U38	US-3,916,899	11-04-1975	Theeuwes et al.	All
	U39	US-4,008,719	02-22-1977	Theeuwes et al.	All
↓	U40	US-4,267,179	05-12-1981	Heeres et al.	All
	U41	US-4,764,604	08-16-1988	Muller	All

Examiner Signature	/Abigail Cotton/ (03/20/2007)	Date Considered	03/20/2007
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				Application Number	10/660,202
				Filing Date	September 11, 2003
				First Named Inventor	Örn Almarsson
				Art Unit	1617
				Examiner Name	Leonard Williams
Sheet	3	of	36	Attorney Docket Number	TPI-350C1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AC/	U42	US-4,916,134	04-10-1990	Heeres et al.	All
	U43	US-5,006,513	04-09-1991	Hector et al.	All
	U44	US-5,059,595	10-22-1991	Le Grazie	All
	U45	US-5,073,543	12-17-1991	Marshall et al.	All
	U46	US-5,120,548	06-09-1992	McClelland et al.	All
	U47	US-5,354,556	10-11-1994	Sparks et al.	All
	U48	US-5,414,997	05-16-1995	Tailer	All
	U49	US-5,474,997	12-12-1995	Gray et al.	All
	U50	US-5,591,767	01-07-1997	Mohr et al.	All
	U51	US-5,633,015	05-27-1997	Gilis et al.	All
	U52	US-5,639,476	06-17-1997	Oshlack et al.	All
	U53	US-5,661,151	08-26-1997	Saksena et al.	All
	U54	US-5,674,533	10-07-1997	Santus et al.	All
	U55	US-5,707,975	01-13-1998	Francois et al.	All
	U56	US-5,733,566	03-31-1998	Lewis	All
	U57	US-2003/0096014	05-22-2003	Sherman	All
	U58	US-4,513,006	04-23-1995	Maryanoff et al.	All
	U59	US-6,191,117	02-20-2001	Kozachuk	All
✓	U60	US-6,201,010	03-13-2001	Cottrell	All
	U61	US-5,753,693	05-19-1998	Shank	All

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				Art Unit	1617
				Examiner Name	Leonard Williams
Sheet	4	of	36	Attorney Docket Number	TPI-350C1

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/AC/	U62	US-5,998,380	12-07-1999	Ehrenberg <i>et al.</i>	All
	U63	US-6,319,903	11-20-2001	Carrazana <i>et al.</i>	All
	U64	US-5,935,933	08-10-1999	Shank <i>et al.</i>	All
	U65	US-5,760,007	06-02-1999	Shank <i>et al.</i>	All
	U66	US-5,952,187	09-14-1999	Stenglein <i>et al.</i>	All
	U67	US-5,242,942	09-07-1993	Costanzo <i>et al.</i>	All
	U68	US-5,384,327	01-24-1995	Costanzo <i>et al.</i>	All
	U69	US-6,071,537	06-06-2000	Shank	All
	U70	US-6,503,884	01-07-2003	Ehrenberg <i>et al.</i>	All
	U71	US-2003/0069190	04-10-2003	Abdel-Magid <i>et al.</i>	All
	U72	US-2002/0042446	04-11-2002	Dewey <i>et al.</i>	All
	U73	US-2002/0037925	03-28-2002	Dewey <i>et al.</i>	All
	U74	US-2003/0072802	04-17-2003	Cutler	All
	U75	US-6,488,962	12-03-2002	Berner <i>et al.</i>	All
	U76	US- 7,078,526	07-18-2006	Remenar <i>et al.</i>	All
	U77	US-6,294,192	9-25-2001	Patel <i>et al.</i>	All
	U78	US-5,466,823	11-14-1995	Talley <i>et al.</i>	All
	U79	US-4,008,321	02-15-1977	Kamishita <i>et al.</i>	All
✓	U80	US-4,853,379	08-01-1989	Shroot <i>et al.</i>	All
	U81	US-5,641,512	06-24-1997	Cimiluca	All

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				Filing Date	September 11, 2003
				First Named Inventor	Örn Almarsson
				Art Unit	1617
				Examiner Name	Leonard Williams
Sheet	5	of	36	Attorney Docket Number	TPI-350C1

U.S. PATENT DOCUMENTS					
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		Number - Kind Code <sup>2</sup> (if known)			
/AC/	U82	US-6,420,394 B1	07-16-2002	Supersaxo	All
/AC/	U83	US-2003/0224006 A1	12-04-2003	Zaworotko <i>et al.</i>	All
	U84	US-			
	U85	US-			
	U86	US-			
	U87	US-			
	U88	US-			
	U89	US-			
	U90	US-			
	U91	US-			
	U92	US-			
	U93	US-			
	U94	US-			
	U95	US-			
	U96	US-			
	U97	US-			
	U98	US-			
	U99	US-			
	U100	US-			
	U101	US-			

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Sheet

6

of

36

**Complete if Known**

Application Number	10/660,202
Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Art Unit	1617
Examiner Name	Leonard Williams

Attorney Docket Number TPI-350C1

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
/AC/	F1	EP 413528 B1	11-15-1995	Yu, R. et al.	All	
	F2	EP 1364649 A1	11-26-2003	Cilag AG	All	
	F3	WO 94/16733 A1	08-04-1994	Chiesi Farmaceutici S.P.A.	All	
	F4	WO 96/07331 A1	03-14-1996	Xyrofin Oy	All	
	F5	WO 98/57967 A1	12-23-1998	Dong-A Pharmaceutical Co., Ltd.	All	
	F6	WO 2000/53283 A1	09-14-2000	Reuter Chemische Apparatebau KG	All	
	F7	WO 2001/13904 A2	03-01-2001	Ortho-McNeil Pharmaceutical, Inc.	All	
	F8	JP 54-16494	02-07-1979	Yamanouchi Pharmaceutical Co., Ltd.	All	x
	F9	WO 00/50020 A2	08-31-2000	University of Cincinnati	All	
	F10	FR 769,586	06-11-1934	Chemische Fabrik von Heyden	All	x
	F11	IT 01303251	11-06-2000	Industriale Chimica, S.R.L.	All	x
	F12	WO 2001/97853 A1	12-27-2001	Biochemie Gesellschaft MBH	All	
	F13	EP 0310122 B1	04-05-1989	Kaken Pharma	All	
	F14	WO 2002/062318 A2	08-15-2002	DSM N.V.	All	
	F15	EP 0283992 B1	09-16-1992	Janssen Pharma	All	
	F16	WO 2003/101392 A2	12-11-2003	Transform Pharmaceuticals, Inc.	All	
	F17	WO 2004/054571 A1	07-01-2004	Cilag AG	All	
✓	F18	WO 2004/078161 A1 (CD-ROM)	09-16-2004	Transform Pharmaceuticals, Inc.	All	
	F19	WO 2004/078163 A2 (CD-ROM)	09-16-2004	Transform Pharmaceuticals, Inc.	All	

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Sheet	7	of	36	Application Number	10/660,202
				Filing Date	September 11, 2003
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/AC/	F20	WO 2004/089313 A2	10-21-2004	Transform Pharmaceuticals, Inc.	All
	F21	WO 2005/023198 A2 (CD-ROM)	03-17-2005	Transform Pharmaceuticals, Inc.	All
	F22	WO 2005/037424 A1	04-28-2005	Salvias AG	All
	F23	WO 2005/055983 A2	06-23-2005	Medcrystalforms, LCC	All
	F24	WO 2005/060968 A1 (CD-ROM)	07-07-2005	Sepracor, Inc.	All
	F25	WO 2005/089375 A2 (CD-ROM)	09-29-2005	S.S.C.I., Inc.	All
	F26	WO 2005/094804 A1	10-13-2005	The Regents of the University of Michigan	All
	F27	WO 2006/024930 A1	03-09-2006	Pharmacia and Upjohn Co., LCC	All
	F28	WO 03/070738 A2	08-28-2003	Transform Pharmaceuticals, Inc.	All
	F29	WO 03/074474 A2	09-12-2003	Univ. South Fl	All
	F30	WO 95/17407 A1	06-29-1995	Schering Corp	All
	F31	WO 00/07583 A2	02-17-2000	Brookhaven Science Associates	All
	F32	WO 00/72841 A1	12-07-2000	Berlant, Jeffrey	All
	F33	WO 03 033462 A2	04-23-2003	Regents of Univ. Mich.	All
	F34	WO 01 51919 A2	07-19-2001	Transform Pharm. Inc.	All
	F35	WO 01 42222 A1	06-14-2001	Pharmacia Corp.	All
	F36	WO 95/23596 A1	09-08-1995	The Boots Co.	All
	F37	WO 00/32189 A1	06-08-2000	G. D. Searle & Co.	All
	F38	WO 01/41760 A3	06-14-2001	Pharmacia Corporation	All
	F39	WO 01/78724 A1	10/25/2001	Pharmacia Corporation	All
	F40	WO 01/91750 A1	12/06/2001	Pharmacia Corporation	All
	F41	WO 02/00627 A1	01/03/2002	Fako Ilaclari A.S.	All
	F42	IN 182620	12-24-1994	Bajaj <i>et al.</i>	All

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				Attorney Docket Number	TPI-350C1

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/AC/	R1	AAKERÖY, C. et al. "Crystal engineering of hydrogen-bonded assemblies- a progress report" <i>Aust. J. Chem.</i> , 2001, pp. 409-421, Vol. 54.			
	R2	BINGHAM, A. et al. "Over one hundred solvates of sulfathiazole" <i>Chem. Commun.</i> , 2001, pp. 603-604.			
	R3	BYRIEL, K., et al. "Molecular cocrystals of carboxylic acids. IX Carboxylic acid interactions with organic heterocyclic bases. The crystal structures of the adducts of (2,4-dichlorophenoxy) acetic acid with 3-hydroxypyridine, 2,4,6-trinitrobenzoic acid with 2-aminopyrimidine, and 4-nitrobenzoic acid with 3-amino-1,2,4-triazole" <i>Aust. J. Chem.</i> , 1992, pp. 969-981, Vol. 45, No. 6.			
	R4	SALMON, J. et al. "Supramolecular chemistry of boronic acids (Abstract)" 38 <sup>th</sup> Midwest Regional Meeting of the American Chemical Society in Columbia, MO., November 5-7, 2003, published by the American Chemical Society, Washington, D.C.			
↓	R5	URBINA, J. et al. "Supramolecular design of inorganic/organic networks using flexible ligands with self-complementary hydrogen bonds (Abstract)" 38 <sup>th</sup> Midwest Regional Meeting of the American Chemical Society in Columbia, MO., November 5-7, 2003, published by the American Chemical Society, Washington, D.C.			

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				Group Art Unit	1617
				Examiner Name	Leonard Williams
				Attorney Docket Number	TPI-350C1

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/AC	R6	SMITH, D. et al. "Structure confirmation by single crystal X-ray diffraction of a series of new schiff bases and theoretical computations on 3-(N-2- $\alpha$ , $\alpha$ , $\alpha$ -trifluorotoluylidene amino) tetrahydrothiophene-1, 1-dioxide (Abstract)" 216 <sup>th</sup> ACS National Meeting in Boston, MA., August 23-27, 1998, published by the American Chemical Society, Washington, D.C.		
	R7	DESIRAJU, G. "Supramolecular synthons in crystal engineering- A new organic synthesis" <i>Angew. Chem. Int. Ed. Engl.</i> , 1995, pp. 2311-2327, Vol. 34.		
	R8	FRITCHIE, C. et al. "The configuration of phenothiazine in various molecular complexes" <i>Chem. Commun.</i> , 1968, pp. 833-834.		
	R9	HUANG, C.-M. et al. "Molecular packing modes. Part XI. Crystal structures of the 2:1 complexes of benzamide with succinic acid and furamide with oxalic acid" <i>J. Chem. Soc. Perkins Trans. 2: Physical Organic Chemistry</i> , 1973, pp. 503-508, Vol. 5.		
	R10	JACKISCH, M. et al. "Structures of three related biphenyl compounds: 4,4'-biphenyldiol, 3,3',5,5'-tetra- <i>tert</i> -butyl-4,4'-biphenyldiol, and 3,3',5,5'- tetra- <i>tert</i> -butyl-1,1'-bicyclohexa-2,5-dienylidene-4,4'-dione" <i>Acta Cryst.</i> , 1990, pp. 919-922, Vol. C46.		
	R11	KIM, S. et al. "The structure of a crystalline complex containing one phenobarbital molecule and two adenine derivatives" <i>Proc. Natl. Acad. Sci. USA</i> , 1968, pp. 402-408, Vol. 60.		
	R12	KOBAYASHI, H. et al. "Sinusoidal structure of the 1:1 complex of phenothiazine and 7,7,8,8-tetracyanoquinodimethane, PTZ-TCNQ" <i>Acta Cryst.</i> , 1974, pp. 1010-1017, Vol. B30.		
	R13	ERMER, O. et al. "Molecular recognition among alcohols and amines: super-tetrahedral crystal architectures of linear diphenol-diamine complexes and aminophenols" <i>J. Chem. Soc. Perkins Trans. 2</i> , 1994, pp. 925-944.		
	R14	MARTIN, R. et al. "Polyphenol-caffeine complexation" <i>J. Chem. Soc., Chem. Commun.</i> , 1986, pp. 105-106.		
▼	R15	LEHN, J.-M. et al. "Molecular recognition directed self-assembly of ordered supramolecular strands by cocrystallization of complementary molecular components" <i>Chem. Soc., Chem. Commun.</i> , 1990, pp. 479-481.		

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/AC/	R16	LYNCH, D. et al. "Molecular cocrystals of carboxylic acids. XV. Preparation and characterization of heterocyclic base adducts with a series of carboxylic acids, and the crystal structures of the adducts of 2-aminopyrimidine with 2,6-dihydroxybenzoic acid, 4-aminobenzoic acid, phenoxyacetic acid, (2,4-dichlorophenoxy) acetic acid, (3,4-dichlorophenoxy)- acetic acid and salicylic acid, and 2-aminopyridmine with 2,6-dihydroxybenzoic acid" <i>Aust. J. Chem.</i> , 1994, pp. 1097-1115, Vol. 47.	
	R17	MCINTOSH, J. et al. "Chemotherapeutic drugs in anaerobic infections of wounds" <i>The Lancet</i> , June 26, 1943, pp. 793-795.	
	R18	MCINTOSH, J. et al. "Zinc peroxide, proflavine and penicillin in experimental <i>cl. welchii</i> infections" <i>The Lancet</i> , December 26, 1942, pp. 750-752.	
	R19	SMITH, G. et al. "Molecular cocrystals of carboxylic acids. XXI. The role of secondary group interactions in adduct formation between 2-aminopyramidine and substituted benzoic acids: the crystal structures of the adducts with o-phthalic acid, o-nitrobenzoic acid, o-aminobenzoic acid and m-aminobenzoic acid" <i>Aust. J. Chem.</i> , 1995, pp. 1151-1166, Vol. 48.	
	R20	WEISSBUCH, I. et al. "Crystal morphology control with tailor-made additives; a stereochemical approach" <i>Advances in Crystal Growth Research</i> , 2001, pp. 381-400.	
	R21	MCMAHON, J. et al. "Crystal engineering of the composition of pharmaceutical phases. 3. Primary amide supramolecular heterosynthons and their role in the design of pharmaceutical co-crystals" <i>Z. Kristallogr.</i> , 2005, pp. 340-350, Vol. 220.	
	R22	MEEJOO, S. et al. "The interplay of aryl-perfluoroaryl stacking interactions and interstack hydrogen bonding in controlling the structure of a molecular cocrystal" <i>Chemphyschem</i> , 2003, pp. 766-769, Vol. 4.	
	R23	MIRMEHRABI, M. et al. "Improving the filterability and solid density of ranitidine hydrochloride form 1" <i>Journal of Pharmaceutical Sciences</i> , July 2004, pp. 1692-1700, Vol. 93, No. 7.	
▼	R24	MORRIS, K. et al. "Theoretical approaches to physical transformations of active pharmaceutical ingredients during manufacturing processes" <i>Advanced Drug Delivery Reviews</i> , 2001, pp. 91-114, Vol. 48.	▼

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/AC/	R25	NAKANISHI, I. et al. "X-ray structural studies on two forms of $\beta$ -cyclodextrin barbital complexes" <i>Journal of Inclusion Phenomena</i> , 1984, pp. 689-699, Vol. 2.			
	R26	NAKAO, S. et al. "The crystal and molecular structure of the 2:1 molecular complex of theophylline with phenobarbital" <i>Acta Cryst.</i> , 1977, pp. 1373-1378, Vol. B33.			
	R27	NATARAJAN, S. et al. "Reinvestigation of the crystal structure of diglycine hydrochloride" <i>Zeitschrift für Kristallographie</i> , 1992, pp. 265-270, Vol. 198.			
	R28	OLENIK, B. et al. "Cooperative and anticooperative effects in the cocrystals of mono- and diazanaphthalenes with meso-1, 2-diphenyl-1,2-ethanediol" <i>Crystal Growth &amp; Design</i> , 2003, pp. 175-181, Vol. 3, No. 2.			
	R29	OLENIK, B. et al. "Supramolecular synthesis by cocrystallization of oxalic and fumaric acid with diazanaphthalenes" <i>Crystal Growth &amp; Design</i> , 2003, pp. 183-188, Vol. 3, No. 2.			
	R30	GROTH, P. "d-Glucose-sodium chloride-monohydrate (glucose-sodium chloride) = $2C_6H_{12}O_6.NaCl.H_2O$ " <i>Chemische Krystallographie</i> , 1910, pp. 438-439.			
	R31	OSWALD, I. et al. "Rationalisation of co-crystal formation through knowledge-mining" <i>Crystallography Reviews</i> , 2004, pp. 57-66, Vol. 10, No. 1.			
	R32	OUYANG, X. et al. "Single-crystal-to-single-crystal topochemical polymerizations of a terminal diacetylene: two remarkable transformations give the same conjugated polymer" <i>J. Am. Chem. Soc.</i> , 2003, pp. 12400-12401, Vol. 125.			
	R33	PATEL, U. et al. "Structure of the 1:1 complex between 4-amino-N-(4,6-dimethyl-2-pyrimidinyl)- benzenesulfonamide (sulfadimidine) and 2-hydroxybenzoic acid (salicylic acid)" <i>Acta Cryst.</i> , 1988, pp. 1264-1267, Vol. C44.			
	R34	REDDY, L. et al. "Phenyl-perfluorophenyl synthon mediated cocrystallization of carboxylic acids and amides" <i>Crystal Growth &amp; Design</i> , 2004, pp. 89-94, Vol. 4., No. 1.			
↓	R35	REMENAR, J. et al. "Crystal engineering of novel cocrystals of a triazole drug with 1,4-dicarboxylic acids" <i>J. Am. Chem. Soc.</i> , 2003, pp. 8456-8457, Vol. 125.			↓

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/AC/	R36	SCHMIDT, G. "Photodimerization in the solid state" <i>Pure Appl. Chem.</i> , 1971, pp. 647-678, Vol. 27.	
	R37	SHAN, N. et al. "Co-crystal of 4,7-phenanthroline and carboxylic acids: synthon competition and prediction" <i>Tetrahedron Letters</i> , 2002, pp. 8721-8725, Vol. 43.	
	R38	SHAN, N. et al. "Crystal engineering using 4,4'-bipyridyl with di- and tricarboxylic acids" <i>Crystal Engineering</i> , 2002, pp. 9-24, Vol. 5.	
	R39	SHAN, N. et al. "Supramolecular synthons in the co-crystal structures of 2-aminopyrimidine with diols and carboxylic acids" <i>Tetrahedron Letters</i> , 2002, pp. 3101-3104, Vol. 43.	
	R40	MCINTOSH, J. et al. "Further observations on the chemotherapy of experimental gas gangrene: flavaazole, marfanil, V187 and V335" <i>British Journal of Experimental Pathology</i> , 1946, pp. 46-54, Vol. 27.	
	R41	SHAVIV, R. et al. "Magnetochemistry of the tetrahaloferrate (III) ions 6. Crystal structure and magnetic ordering in [(pyH) <sub>3</sub> Cl] [FeCl <sub>4</sub> ] <sub>2</sub> " <i>Inorganica Chimica Acta</i> , 1992, pp. 613-621, Vol. 198-200.	
	R42	SHEFTER, E. "Structural studies on complexes IV: Crystal structure of a 1:1 5-chlorosalicylic acid and theophylline complex" <i>Journal of Pharmaceutical Sciences</i> , 1969, pp. 710-714, Vol. 58.	
	R43	SHIMIZU, N. et al. "Structure of 2,4-diamino-5-(3,4,5-trimethoxybenzyl) pyrimidine-5,5-diethylbarbituric acid (1:1)" <i>Acta Cryst.</i> , 1982, pp. 2309- 2311, Vol. B38.	
	R44	SINGH, N. B. et al. "Solid state reaction between 8-hydroxyquinoline and p-nitrobenzoic acid" <i>Indian Journal of Chemistry</i> , May 1988, pp. 429-432, Vol. 37B.	
▼	R45	SMITH, G. et al. "The 1:1 adduct of 4-aminobenzoic acid with 4-aminobenzonitrile" <i>Acta Cryst.</i> , 2000, pp. 1155-1156, Vol. C56.	▼

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/AC/	R46	STEINER, T. "Donor and acceptor strengths in C-H...O hydrogen bonds quantified from crystallographic data of small solvent molecules" <i>New. J. Chem.</i> , 1998, pp. 1099-1103.	
	R47	STOREY, R. et al. "Automation of solid form screening procedures in the pharmaceutical industry- how to avoid the bottlenecks" <i>Crystallography Reviews</i> , 2004, pp. 45-56, Vol. 10, No. 1.	
	R48	SZAFRAN, M. et al. "Molecular structures and hydrogen bonding in the 1:1 and 1:2 complexes of pyridine betaine with 2,6-dichloro-4-nitrophenol; an example of strongly coupled hydrogen bonds, O-H...O=C-O-H...O-" <i>Journal of Molecular Structure</i> , 1997, pp. 145-160, Vol. 416.	
	R49	TAKEUCHI, M. et al. "Synchrotron radiation SAXS/WAXS study of polymorph-dependent phase behavior of binary mixtures of saturated monoacid triacylglycerols" <i>Crystal Growth &amp; Design</i> , 2003, pp. 369-374, Vol. 3, No. 3.	
	R50	TANG, C. P. et al. "Reaction pathways in crystalline host-guest inclusion complexes: rotation by a net 180° of the acetyl group on photoaddition of guest- acetophenone and -m-Chloroacetophenone to the atom C5 of host deoxycholic acid" <i>J. Am. Chem. Soc.</i> , 1985, pp. 4058-4070, Vol. 107.	
	R51	TAYLOR, R. et al. "Rules governing the crystal packing of mono- and dialcohols" <i>Acta Crystallographica Section B, Structural Science</i> , 2001, pp. 815-827, Vol. B57.	
	R52	THALLAPALLY, P. et al. "Polymorphism of 1,3,5-trinitrobenzene induced by a trisindane additive" <i>Angew. Chem. Int. Ed.</i> , 2004, pp. 1149-1155, Vol. 43.	
	R53	TIMMERMAN, P. et al. "Noncovalent Assembly of functional groups on calix[4]arene molecular boxes" <i>Chem. Eur. J.</i> , 1997, pp. 1823-1832, Vol. 3., No. 11.	
	R54	SHAN, N. et al. "Mechanochemistry and co-crystal formation: effect of solvent on reaction kinetics" <i>Chem. Commun.</i> , 2002, pp. 2372-2373.	
↓	R55	CAIRA, M. et al. "X-ray structure and thermal analysis of a 1:1 complex between (S)-naproxen and heptakis (2,3,6-tri-O-methyl)-β-cyclodextrin" <i>Journal of Inclusion Phenomena and Molecular Recognition in Chemistry</i> , 1995, pp. 277-290, Vol. 20.	↓

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				Filing Date	September 11, 2003
				First Named Inventor	Orn Almarsson
				Group Art Unit	1617
				Examiner Name	Leonard Williams
				Attorney Docket Number	TPI-350C1

**NON PATENT LITERATURE DOCUMENTS**

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/AC/	R56	TRASK, A. et al. "Crystal engineering of organic cocrystals by the solid-state grinding approach" <i>Top Curr. Chem.</i> , 2005, pp. 41-70, Vol. 254.	
	R57	TRASK, A. et al. "Pharmaceutical cocrystallization: engineering a remedy for caffeine hydration" <i>Crystal Growth &amp; Design</i> , 2005, pp. 1013-1021, Vol. 5, No. 3.	
	R58	TRASK, A. et al. "Solvent-drop grinding: green polymorph control of cocrystallisation" <i>Chem. Commun.</i> , 2004, pp. 890-891 in addition to supplemental materials.	
	R59	TROWBRIDGE, L. et al. "Composites for nonlinear optics: Crystal growth and polymorphism" <i>University of Sussex, Falmer Brighton UK, School of Chemistry and Molecular Sciences</i> , pp. 272.	
	R60	UNO, T. et al. "Structure of 5,5-diphenylhydantoin-1- (4-bromophenyl)-4-dimethylamino-2,3-dimethyl-3-pyrazolin-5-one (1:1)" <i>Acta Cryst.</i> , 1980, pp. 2794-2796, Vol. B36.	
	R61	VAN ROEY, P. et al. "Structure-activity studies of non-steroidal aromatase inhibitors: the crystal and molecular structures of CGS 16949A and CGS 18320B" <i>J. Enzyme Inhibition</i> , 1991, pp. 119-132, Vol. 5.	
	R62	VAN ROEY, P. et al. "Structure of <i>cis</i> -1-[(4-(1-imidazolylmethyl) cyclohexyl) methyl] imidazole- succinic acid complex" <i>Acta Cryst.</i> , 1991, pp. 1015-1018, Vol. C47.	
	R63	VISHWESHWAR, P. et al. "Crystal engineering of pharmaceutical co-crystals from polymorphic active pharmaceutical ingredients" <i>Chem. Commun.</i> , 2005, pp. 4601-4603.	
	R64	VISHWESHWAR, P. et al. "Recurrence of carboxylic acid- pyridine supramolecular synthon in the crystal structures of some pyrazinecarboxylic acids" <i>J. Org. Chem.</i> , 2002, pp. 556-565, Vol. 67.	
	R65	VISHWESHWAR, P. et al. "Supramolecular synthons based on N-H...N and C-H...O hydrogen bonds. Crystal engineering of a helical structure with 5,5-diethylbarbituric acid" <i>Chem. Commun.</i> , 2002, pp. 1830-1831.	
↓	R66	VISHWESHWAR, P. et al. "Supramolecular synthons in phenol-isonicotinamide adducts" <i>Cryst. Eng. Comm.</i> 2003, pp. 164-168, Vol. 5, No. 31.	↓

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/AC/	R67	VOET, D. et al. "The crystal and molecular structure of the intermolecular complex 9-ethyladenine-5, 5-diethylbarbituric acid" <i>Journal of the American Chemical Society</i> , November 15, 1972, pp. 8213-8222, Vol. 94, No. 23.			
	R68	VOET, D. et al. "The structure of an intermolecular complex between cytosine and 5-fluorouracil" <i>Journal of the American Chemical Society</i> , May 21, 1969, pp. 3069-3075, Vol. 91, No. 11.			
	R69	STEZOWSKI, J. J. et al. "Characterization of a 1:1 complex of an unusual structure in the phenothiazine/phenazine binary phase diagram" <i>Zeitschrift fur Kristallographie in International Journal for Structural, Physical, Chemical Aspects of Crystalline Materials</i> , 1983, pp. 213-215, Vol. 162, No. 1-4.			X
	R70	WANG, A. et al. "Crystal structure of 1:1 complex of barbital with 1-methylimidazole" <i>Journal of Pharmaceutical Sciences</i> , March 1979, pp. 361-363, Vol. 68, No. 3.			
	R71	ALBEROLA, S. et al. "Crystalline and Molecular Structure of Sulfanilimide-Antipyrine" <i>Acta Cryst.</i> , 1977, pp. 3337-3341, Vol. B33.			X
	R72	WOOD, R. A. et al. "2,5-O-methylene-D-mannitol sodium-chloride, C <sub>7</sub> H <sub>14</sub> O <sub>6</sub> . NaCl" <i>Cryst. Struct. Comm.</i> , 1976, 207-210, Vol. 5.			
	R73	XU, J. et al. "Effect of composition distribution on miscibility and co-crystallization phenomena in the blends of low density polyethylene with conventional and metallocene-based ethylene-butene copolymers" <i>Polymer</i> , 2001, pp. 3867-3874, Vol. 42.			
	R74	YOO, J. et al. "Cocrystallization of a dinuclear platinum complex as a monomer and a one-dimensional polymer" <i>Polyhedron</i> , 2002, pp. 715-719, Vol. 21.			
	R75	ZAITU, S. et al. "A 2:1 molecular complex of theophylline and 5-fluorouracil as the monohydrate" <i>Acta Cryst.</i> , 1995, pp. 1857-1859, Vol. C51.			
	R76	ZAMAN, M. B. et al. "Linear hydrogen-bonded molecular tapes in the cocrystals of squaric acid with 4,4'-dipyridylacetylene and 1,2-bis(4-pyridyl) ethylene" <i>Acta Cryst.</i> , 2001, pp. 621-624, Vol. C57.			
↓	R77	ZERKOWSKI, J. et al. "Design of organic structures in the solid state: hydrogen-bonded molecular "tapes" <sup>1</sup> " <i>J. Am. Chem. Soc.</i> , 1990, pp. 9025-9026, Vol. 112.			↓
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/AC	R78	ZERKOWSKI, J. et al. "Investigations into the robustness of secondary and tertiary architecture of hydrogen-bonded crystalline tapes" <i>Chem. Mater.</i> , 1994, pp. 1250-1257, Vol. 6.	
	R79	ZERKOWSKI, J. et al. "New varieties of crystalline architecture produced by small changes in molecular structure in tape complexes of melamines and barbiturates" <i>J. Am. Chem. Soc.</i> , 1994, pp. 4305-4315, Vol. 116.	
	R80	ZERKOWSKI, J. et al. "Polymorphic packing arrangements in a class of engineered organic crystals" <i>Chem. Mater.</i> , 1997, pp. 1933-1941, Vol. 9.	
	R81	ZERKOWSKI, J. et al. "Solid-state structures of "Rosette" and "Crinkled Tape" motifs derived from the cyanuric acid-melamine lattice" <i>J. Am. Chem. Soc.</i> , 1992, pp. 5473-5475, Vol. 114.	
	R82	ZHANG, R. et al. "Atmospheric new particle formation enhanced by organic acids" <i>Science</i> , June 4, 2004, pp. 1487-1490 with additional supporting online material, Vol. 304.	
	R83	ZHU, H. et al. "Influence of water activity in organic solvent + water mixtures on the nature of the crystallizing drug phase. 1. theophylline" <i>International Journal of Pharmaceutics</i> , 1996, pp. 151-160, Vol. 135.	
	R84	AAKERÖY, C. et al. "Aromatic dicarboxylic acids as building blocks of extended hydrogen-bonded architectures" <i>Supramolecular Chemistry</i> , 1998, pp. 127-135, Vol. 9.	
	R85	AAKERÖY, C. et al. "Assembly of 2-D inorganic/organic lamellar structures through a combination of copper (I) coordination polymers and self-complimentary hydrogen bonds" <i>J. Chem. Soc., Dalton Trans.</i> , 2000, pp. 3869-3872.	
	R86	AAKERÖY, C. et al. "Building organic assemblies with 2-pyridone and dicarboxylic acids: relating molecular conformation and synthon stability to crystal structure" <i>Crystal Engineering</i> , 1998, pp. 225-241, Vol. 1, No. 3-4.	
	R87	AAKERÖY, C. et al. "The C-H...C1 hydrogen bond: does it exist?" <i>New J. Chem.</i> , 1999, pp. 145-152.	
↓	R88	AAKERÖY, C. et al. "Crystal engineering of ionic solids" <i>Modular Chemistry</i> (ed. by Michl, J.), 1997, pp. 153-162, Kluwer Academic Publishers, The Netherlands.	↓

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/AC/	R89	AAKERÖY, C. et al. "Crystal engineering: strategies and architectures" <i>Acta Cryst.</i> , 1997, pp. 569-586, Vol. B53.			
	R90	AAKERÖY, C. et al. "Crystal engineering using intermolecular hydrogen-bonded connectors and classic coordination chemistry" <i>Transactions ACA</i> , 1998, pp. 97-103, Vol. 33.			
	R91	AAKERÖY, C. et al. "The crystal structure of the molecular cocrystal L-malic acid L-tartaric acid (1/1)" <i>Supramolecular Chemistry</i> , 1996, pp. 153-156, Vol. 7.			
	R92	AAKERÖY, C. et al. "Deliberate combination of coordination polymers and hydrogen bonds in a supramolecular design strategy for inorganic/organic hybrid networks" <i>Chem. Commun.</i> , 2000, pp. 935-936.			
	R93	AAKERÖY, C. et al. "Di-hydroxy malonic acid as a building block of hydrogen-bonded 3-dimensional architectures" <i>Journal of Chemical Crystallography</i> , 1998, pp. 111-117, Vol. 28, No. 2.			
	R94	AAKERÖY, C. et al. "Do polymorphic compounds make good cocrystallizing agents? A structural case study that demonstrates the importance of synthon flexibility" <i>Crystal Growth &amp; Design</i> , 2003, 159-165, Vol. 3, No. 2.			
	R95	AAKERÖY, C. et al. "Heteromeric intermolecular interactions as synthetic tools for the formation of binary co-crystals" <i>Cryst. Eng. Comm.</i> , 2004, pp. 19-24, Vol. 6, No. 5.			
	R96	AAKERÖY, C. et al. "A high-yielding supramolecular reaction" <i>J. Am. Chem. Soc.</i> , 2002, 14425-14432, Vol. 124.			
	R97	AAKERÖY, C. et al. "The hydrogen bond and crystal engineering" <i>Chemical Society Reviews</i> , 1993, pp. 397-407.			
	R98	AAKERÖY, C. et al. "Hydrogen-bond assisted assembly of organic and organic-inorganic solids" <i>Crystal Engineering: From Molecules and Crystals to Materials</i> , 1999, pp. 89-106, Kluwer Academic Publishers, The Netherlands.			
↓	R99	AAKERÖY, C. et al. "Hydrogen-bonding in solids" <i>Crystal Engineering</i> (ed. by Seddon, K. R. et al.), 1999, pp. 303-324, Kluwer Academic Publishers, The Netherlands.			↓
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	R101	AAKERÖY, C. et al. "Molecular mechanics and crystal engineering" <i>Crystal Engineering</i> (ed. by Seddon, K. R. et al.), 1999, pp. 69-82, Kluwer Academic Publishers, The Netherlands.			
	R102	AAKERÖY, C. et al. "New building blocks for crystal engineering. Syntheses and crystal structures of oxime-substituted pyridines" <i>Cryst. Eng. Comm.</i> , 2000, pp. 1-6, Vol. 27.			
	R103	AAKERÖY, C. et al. "Novel colorless composite materials for nonlinear optics" <i>Adv. Mater.</i> , 1993, pp. 364-367, Vol. 5, No. 5.			
	R104	AAKERÖY, C. et al. "Organic assemblies of 2-pyridones with dicarboxylic acids" <i>Tetrahedron</i> , 2000, pp. 6693-6699, Vol. 56.			
	R105	AAKERÖY, C. et al. "Pitfalls in the supramolecular assembly of silver(I) coordination compounds" <i>Journal of Molecular Structure</i> , 1999, pp. 91-101, Vol. 474.			
	R106	AAKERÖY, C. et al. "A structural study of 2-amino-5-nitropyridine and 2-amino-3-nitropyridine: intermolecular forces and polymorphism" <i>J. Mater. Chem.</i> , 1998, pp. 1385-1389, Vol. 8, No. 6.			
	R107	AAKERÖY, C. et al. "Supramolecular assembly of low-dimensional silver (I) architectures via amide-amide hydrogen bonds" <i>Chem. Commun.</i> , 1998, pp. 1067-1068.			
	R108	AAKERÖY, C. et al. "Total synthesis' supramolecular style: design and hydrogen-bond-directed assembly of ternary supermolecules" <i>Angew. Chem. Int. Ed.</i> , 2001, pp. 3240-3242, Vol. 40, No. 17.			
↓	R109	AAKERÖY, C. et al. "Two-fold interpenetration of 3-D nets assembled via three-co-ordinate silver(I) ions and amide-amide hydrogen bonds" <i>J. Chem. Soc., Dalton Trans.</i> , 1998, pp. 1943-1945.			
	R110	AHN, S. et al. "Polymorphs of a 1:1 cocrystal with tunnel and layer structures: <i>p,p'-biphenol/dimethyl sulfoxide</i> " <i>Crystal Growth &amp; Design</i> , 2001, pp. 107-111, Vol. 1, No. 2.			
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Sheet 19 of 36

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Application Number	10/660,202
Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Group Art Unit	1617
Examiner Name	Leonard Williams
Attorney Docket Number	TPI-350C1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/AC/	R111	AKAZOME, M. et al. "Enantioselective inclusion of methyl phenyl sulfoxides and benzyl methyl sulfoxides by (R)-phenylglycyl-(R)-phenylglycine and the crystal structures of the inclusion cavities" <i>J. Org. Chem.</i> , 2000, pp. 68-76, Vol. 65.	
	R112	AKHTARUZZAMAN, M.D. et al. "One-dimensional hydrogen-bonded molecular tapes in 1, 4-bis[(4-pyridinio) ethynyl]benzene chloranilate" <i>Acta Cryst.</i> , 2001, pp. o353-o355, Vol. E57.	
	R113	ALLEN, F. et al. "Systematic analysis of structural data as a research technique in organic chemistry" <i>Acc. Chem. Res.</i> , 1983, pp. 146-153, Vol. 16.	
	R114	ALMARSSON, Ö. et al. "Crystal engineering of the composition of pharmaceutical phases. Do pharmaceutical co-crystals represent a new path to improved medicines?" <i>Chem. Commun.</i> , 2004, pp. 1889-1896.	
	R115	AMAI, M. et al. "1:1 complex of octadecanoic acid and 3-pyridinecarboxamide" <i>Acta Cryst.</i> , 1998, pp. 1367-1369, Vol. C54.	
	R116	ANDERSON, N. et al. "Sulfonylation with inversion by mitsunobu reaction: an improvement on the original conditions" <i>J. Org. Chem.</i> , 1996, pp. 7955-7958, Vol. 61.	
	R117	AOKI, K. et al. "A 1:1 complex of theophylline and p-nitrophenol" <i>Acta Cryst.</i> , 1978, pp. 2333-2336, Vol. B34.	
	R118	ASHTON, P. et al. "Combining different hydrogen-bonding motifs to self-assemble interwoven superstructures" <i>Chem. Eur. J.</i> , 1998, pp. 577-589, Vol. 4, No. 4.	
	R119	BARKER, P. A. et al. "Effect of crystallization temperature on the cocrystallization temperature on the cocrystallization of hydroxybutyrate/ hydroxyvalerate copolymers" <i>Polymer</i> , pp. 913-919, Vol. 38, No. 4.	
	R120	BERKOVITCH-YELLIN, Z. et al. "Electron density distribution in cumulenes: an x-ray study of the complex allenedicarboxylic acid- acetamide (1:1) at -150°C" <i>Acta Cryst.</i> , 1977, pp. 3670-3677, Vol. B33.	
	R121	BERKOVITCH-YELLIN, Z. et al. "The role played by C-H...O and C-H...N interactions in determining molecular packing and conformation" <i>Acta Cryst.</i> , 1984, pp. 159-165, Vol. B40.	
✓	R122	BERL, V. et al. "Induced fit selection of a barbiturate receptor from a dynamic structural and conformational/configurational library" <i>Eur. J. Org. Chem.</i> , 1999, pp. 3089-3094.	✓

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					Filing Date	September 11, 2003
					First Named Inventor	Örn Almarsson
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/AC/	R123	BERTOLASI, V. et al. "Competition between hydrogen bonding and donor-acceptor interactions in co-crystals of 1,3-dimethylbarbituric acid with aromatic amines" <i>New J. Chem.</i> , 2001, pp. 408-415, Vol. 25.					
	R124	BERTOLASI, V. et al. "General rules for the packing of hydrogen-bonded crystals as derived from the analysis of squaric acid anions: aminoaromatic nitrogen base co-crystals" <i>Acta Cryst.</i> , 2001, pp. 591-598, Vol. B57.					
	R125	BETTINETTI, G. et al. "Structure and solid-state chemistry of anhydrous and hydrated crystal forms of the trimethoprim-sulfamethoxypyridazine 1:1 molecular complex" <i>Journal of Pharmaceutical Sciences</i> , April 2000, pp. 478-489, Vol. 89, No. 4.					
	R126	BETTINETTI, G. et al. "Thermal analysis of binary systems of the pharmaceuticals trimethoprim and benzoic acid" <i>Journal of Thermal Analysis</i> , 1983, pp. 285-294, Vol. 28.					
	R127	BETTIS, J. et al. "Biopharmaceutics and dosage form design" <i>Amer. J. Hosp. Pharm.</i> , March 1973, pp. 240-243, Vol. 30.					
	R128	BOLTON, S. et al. "Complexes formed in solution by homologs of caffeine" <i>Journal of the American Pharmaceutical Association</i> , January 1957, pp. 38-41, Vol. XLVI, No. 1.					
	R129	BOND, A. "In situ co-crystallisation as a tool for low-temperature crystal engineering" <i>Chem. Commun.</i> , 2003, pp. 250-251, Vol. 2.					
	R130	BONIN, M. et al. "Urotropin azelate: a rather unwilling co-crystal" <i>Acta Cryst.</i> , 2003, pp. 72-86, Vol. B59.					
	R131	BOSSHARD, C. et al. "Microscopic nonlinearities of two-component organic crystals" <i>J. Opt. Soc. Am. B</i> , November 2001, pp. 1620-1626, Vol. 18, No. 11.					
	R132	GLUZMAN, M. Kh. et al. "Investigation of Eutectic Melting in Systems Composed of Organic Salts and Acids" <i>Journal of Physical Chemistry</i> , 1960, pp. 2742-2747, Vol. 34.					
	R133	BRAGA, D. et al. "Hydrogen bonding interactions between ions: a powerful tool in molecular crystal engineering" <i>Structure and Bonding</i> , 2004, pp. 1-32, Vol. 111.					
▼	R134	BRIERLEY, C. et al. "Preparation and structure of the 1:2 π-molecular complex of phenothiazine with pyromellitic dianhydride" <i>J. Chem. Phys.</i> , February 1, 1985, pp. 1522-1528, Vol. 82, No. 1.					▼
Examiner Signature	/Abigail Cotton/ (03/20/2007)			Date Considered	03/20/2007		

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First Named Inventor	Örn Almarsson
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Examiner Name	Leonard Williams
Attorney Docket Number	TPI-350C1

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/AC/	R135	BURGI, H. et al. "Crystallisation of supramolecular materials" <i>Current Opinion in Solid State &amp; Materials Science</i> , 1998, pp. 425-430, Vol. 3.	
	R136	BYRN, S. R. et al. "Solid-state pharmaceutical chemistry" <i>Chem. Mater.</i> , 1994, pp. 1148-1158, Vol. 6.	
	R137	CAIRA, M. "Molecular complexes of sulfonamides. Part 1. 1:1 complexes between sulfadimidine [4-amino-N-(4,6-dimethyl-2-pyrimidinyl) benzenesulfonamide] and 2- and 4-aminobenzoic acids" <i>Journal of Crystallographic and Spectroscopic Research</i> , 1991, pp. 641-648, Vol. 21, No. 5.	
	R138	CAIRA, M. "Molecular complexes of sulfonamides. Part 2. 1:1 complexes between drug molecules: sulfadimidine -acetylsalicylic acid and sulfadimidine-4-aminosalicylic acid" <i>Journal of Crystallographic and Spectroscopic Research</i> , 1992, pp. 193-200, Vol. 22, No. 2.	
	R139	CAIRA, M. "Molecular complexes of sulfonamides. 3. Structure of 5-methoxysulfadiazine (Form II) and its 1:1 complex with acetylsalicylic acid" <i>Journal of Chemical Crystallography</i> , 1994, pp. 695-701, Vol. 24, No. 10.	
	R140	CAIRA, M. et al. "Order-disorder enantiotropy, monotropy, and isostructurality in a tetroxoprim-sulfametrole 1:1 molecular complex: crystallographic and thermal studies" <i>Journal of Pharmaceutical Sciences</i> , November 2003, pp. 2164-2176, Vol. 92, No. 11.	
	R141	CAIRA, M. et al. "Selective formation of hydrogen bonded cocrystals between a sulfonamide and aromatic carboxylic acids in the solid state" <i>J. Chem. Soc. Perkin Trans. 2</i> , 1995, pp. 2213-2216.	
	R142	CAIRA, M. et al. "Structure of a 1:1 complex between the anthelmintic drug mebendazole and propionic acid" <i>Journal of Chemical Crystallography</i> , 1998, Vol. 28, No. 1.	
	R143	CAMERMAN, A. et al. "Hydrogen bonding interaction of diphenylbarbituric acid and 9-ethyladenine. Crystal structure of a 1:1 complex" <i>Can. J. Chem.</i> , 2000, pp. 1045-1051, Vol. 78.	
	R144	CAMERMAN, A. et al. "Molecular structure of acetylacetone. A crystallographic determination" <i>J. Am. Chem. Soc.</i> , 1983, pp. 1584-1586, Vol. 105, No. 6.	
▼	R145	CANNON, A. et al. "Noncovalent derivatization: green chemistry applications of crystal engineering" <i>Crystal Growth &amp; Design</i> , 2002, pp. 255-257, Vol. 2, No. 4.	▼

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				Filing Date	September 11, 2003
				First Named Inventor	Örn Almarsson
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/AC/	R146	CHINNAKALI, K. et al. "2-aminopyrimidine and <i>p</i> -phenylene-diacetic acid (1:1) co-crystal" <i>Acta Cryst.</i> , 1999, pp. 399-401, Vol. C55.	
	R147	CHOI, C. et al. "Cocrystallization of melaminium levulinate monohydrate" <i>Acta Cryst.</i> , 2004, pp. o295-o296, Vol. C60.	
	R148	CHOW, Y. P. et al. "Complexation of acetaminophen with methyl xanthines" <i>Journal of Pharmaceutical Sciences</i> , 1972, pp. 1454-1458, Vol. 61.	
	R149	CHRISTIAN, S. et al. "Activity coefficient effects in spectral and solubility studies of molecular complex equilibria" <i>Journal of the American Chemical Society</i> , September 20, 1972, pp. 6861-6862, Vol. 94, No. 19, Communications to the editor.	
	R150	COLL, M. et al. "Molecular structure of the complex formed between the anticancer drug cisplatin and d(pGpG): C222, crystal form" <i>Journal of Biomolecular Structure &amp; Dynamics</i> , 1990, pp. 315-330, Vol. 8, No. 2.	
	R151	COPP, S. et al. "Supramolecular chemistry of $[\text{Mn}(\text{CO})_3(\mu_3\text{-OH})]_4$ : Assembly of a cubic hydrogen-bonded diamondoid network with 1,2-diamineethane" <i>J. Am. Chem. Soc.</i> , 1992, pp. 8719-8720, Vol. 114.	
	R152	CORDI, A. et al. "(S)-Spiro [(1, 3-diazacyclopent-1-ene)-5, 2'-(7'-methyl-1',2',3',4'-tetrahydronaphthalene)]: resolution, stereospecific synthesis, and preliminary pharmacological characterization as a partial $\alpha$ -adrenergic agonist" <i>J. Med. Chem.</i> , 1997, pp. 2931-2935, Vol. 40.	
	R153	CRAVEN, M. et al. "The 2:1 crystal complex of 5, 5-diethylbarbituric acid (barbital) and caffeine" <i>Acta Cryst.</i> , 1974, pp. 1191-1195, Vol. B30.	
	R154	CRAVEN, M. et al. "The crystal structures of two polymorphs of 5,5'-diethylbarbituric acid (barbital)" <i>Acta Cryst.</i> , 1969, pp. 1978-1993, Vol. B25.	
▼	R155	CUDNEY, B. et al. "Screening and optimization strategies for macromolecular crystal growth" <i>Acta Cryst.</i> , 1994, pp. 414-423, Vol. D50.	▼

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/AC/	R156	DATTA, S. <i>et al.</i> "Molecular complex formation between riboflavin and salicylate in an aqueous medium" <i>Bull. Chem. Soc. Jpn.</i> , 2003, pp. 1729-1734, Vol. 76.	
	R157	DAVEY, R. J. <i>et al.</i> "Crystal engineering- nucleation, the key step" <i>Cryst. Eng. Comm.</i> , 2002, pp. 257-264, Vol. 4, No. 47.	
	R158	DAVEY, R. J. <i>et al.</i> "Crystallisation in polymer films: control of morphology and kinetics of an organic dye in a polysilicone matrix" <i>J. Mater. Chem.</i> , 1997, pp. 237-241, Vol. 7, No. 2.	
	R159	DEBERNARDIS, J. <i>et al.</i> "Conformationally defined adrenergic agents. 5. Resolution, absolute configuration, and pharmacological characterization of the enantiomers of 2-(5,6-dihydroxy-1,2,3,4-tetrahydro-1-naphthyl) imidazoline: a potent agonist at $\alpha$ -adrenoceptors" <i>J. Med. Chem.</i> , 1987, pp. 1011-1017, Vol. 30.	
	R160	DESIRAJU, G. <i>et al.</i> "Crystal and co-crystal" <i>Cryst. Eng. Comm.</i> , 2003, pp. 466-467, Vol. 5, No. 82.	
	R161	DESIRAJU, G. <i>et al.</i> "Crystal engineering: outlook and prospects" <i>Current Science</i> , October 25, 2001, pp. 1038-1042, Vol. 81, No. 8.	
	R162	DUAX, W. <i>et al.</i> "The structure of the crystalline complex estradiol. Urea (1:1)" <i>Acta Cryst.</i> , 1972, pp. 1864-1871, Vol. B28.	
	R163	DUNITZ, J. "Crystal and co-crystal: a second opinion" <i>Cryst. Eng. Comm.</i> , 2003, pp. 506, Vol. 5, No. 91.	
	R164	DUNITZ, J. "New light on an old story: the solid-state transformation on ammonium cyanate into urea" <i>J. Am. Chem. Soc.</i> , 1998, pp. 13274-13275, Vol. 120.	
	R165	ENRIGHT, G. <i>et al.</i> "Thermally programmable gas storage and release in single crystals of an organic van der Waals host" <i>J. Am. Chem. Soc.</i> , 2003, pp. 9896-9897, Vol. 125.	
↓	R166	EPSTEIN, R. <i>et al.</i> "The x-ray crystal structure of the molecular complex 8-bromo-9-ethyladenine-5-allyl-5-isobutylbarbituric acid" <i>Acta Cryst.</i> , 1976, pp. 2180-2188, Vol. B32.	✓

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/ACI/	R167	ETTER, M. "Encoding and decoding hydrogen-bond patterns of organic compounds" <i>Acc. Chem. Res.</i> , 1990, pp. 120-126, Vol. 23.	
	R168	ETTER, M. <i>et al.</i> "Graph-set analysis of hydrogen-bond patterns in organic crystals" <i>Acta Cryst.</i> , 1990, pp. 256-262, Vol. B46.	
	R169	ETTER, M. <i>et al.</i> "Hydrogen bond directed cocrystallization and molecular recognition properties of acyclic imides" <i>J. Am. Chem. Soc.</i> , 1991, pp. 2586-2598, Vol. 113.	
	R170	ETTER, M. "Hydrogen bonds as design elements in organic chemistry" <i>J. Phys. Chem.</i> , 1991, pp. 4601-4610, Vol. 95.	
	R171	FABIAN, L. <i>et al.</i> "Volumetric measure of isostructurality" <i>Acta Cryst.</i> , 1999, pp. 1099-1108, Vol. B55.	
	R172	FALLON III, L. "The crystal and molecular structure of 5-fluorouracil" <i>Acta Cryst.</i> , pp. 2549-2556, Vol. B29.	
	R173	FEIBUSH, B. <i>et al.</i> "Chiral separation of heterocyclic drugs by HPLC: solute-stationary phase base-pair interactions" <i>J. Am. Chem. Soc.</i> , 1986, pp. 3310-3318, Vol. 108.	
	R174	FIFER, E. <i>et al.</i> "Fentanyl analogues 3. 2-(1,2,3,4-tetrahydro)-naphthyl substituted 4-anilidopiperidines" <i>Eur. J. Med. Chem.- Chim. Ther.</i> , 1984, pp. 519-524, Vol. 19, No. 6.	
	R175	RECK, G. <i>et al.</i> "Crystal structures of the carbamazepine/ammonium chloride and carbamazepine/ammonium bromide adducts and their transformation into carbamazepine dihydrate" <i>Pharmazie</i> , 1991, pp. 509-512, Vol. 46, No. 7.	X
	R176	FOXMAN, B. M. <i>et al.</i> "Environmentally benign synthesis using crystal engineering: steric accommodation in non-covalent derivatives of hydroquinones" <i>Crystal Engineering</i> , 1998, pp. 109-118, Vol. 1, No. 1.	
	R177	FOXMAN, B. M. <i>et al.</i> "Noncovalent derivatives of hydroquinone: B/S- (N,N-dialkyl) bicyclo[2.2.2]octane-1,4-dicarboxamide complexes" <i>Crystal Engineering</i> , 1999, pp. 55-64, Vol. 2, No. 1.	
↓	R178	FUJII, S. <i>et al.</i> "Crystal and molecular structure of a 1:1 molecular complex of adenine and riboflavin" <i>Archives of Biochemistry and Biophysics</i> , 1977, pp. 363-370, Vol. 181.	↓

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Sheet	25	of	36	Application Number	10/660,202
				Filing Date	September 11, 2003
				First Named Inventor	Örn Almarsson
				Group Art Unit	1617
				Examiner Name	Leonard Williams
				Attorney Docket Number	TPI-350C1

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/AC/	R179	GAO, X. <i>et al.</i> "Supramolecular construction of molecular ladders in the solid state" <i>Angew. Chem. Int. Ed.</i> , 2004, pp. 232-236, Vol. 43.		
	R180	GARTLAND, G. L. <i>et al.</i> "Hydrogen bonding NH...O=C of barbiturates: the (1:1) crystal complex of urea and 5,5-diethylbarbituric acid (barbital)" <i>Acta Cryst.</i> , 1974, pp. 980-987, Vol. B30.		
	R181	GHOSH, M. "Structure and conformation of the 1:1 molecular complex sulfaproxyline-caffeine" <i>Acta Cryst.</i> , 1991, pp. 577-580, Vol. C47.		
	R182	GIUSEPPETTI, G. P. <i>et al.</i> "The crystal structure of a sulfamethoxazole-trimethoprim 1:1 molecular compound" <i>Il Farmaco- Ed. Sc.</i> , pp. 138-151, Vol. 35.		
	R183	GOSWAMI, S. <i>et al.</i> "2-aminopyrimidine-fumaric acid cocrystal" <i>Acta Cryst.</i> , 1999, pp. 583-585, Vol. C55.		
	R184	HAYNES, D. "Supramolecular synthon competition in organic sulfonates: A CSD survey" <i>Cryst. Eng. Comm.</i> , 2004, pp. 584-588, Vol. 6, No. 95.		
	R185	GOSWAMI, S. <i>et al.</i> "1:1 Hetero-assembly of 2-amino-pyramidine and (+)-camphoric acid" <i>Acta Cryst.</i> , 2000, pp. 477-478, Vol. C56.		
	R186	GOSWAMI, S. <i>et al.</i> "Molecular recognition induced supramolecular array of 2-aminopyrimidine with terephthalic acid, 1,4-phenylenediacetic acid and fumaric acid in solid state via H-bonding and π-stacking interactions" <i>Supramolecular Chemistry</i> , 1999, pp. 25-33, Vol. 11.		
	R187	GRAJA, A. <i>et al.</i> "Interplay of acceptor molecule shape, crystal structure and physical properties of a new molecular complex C <sub>70</sub> · 2[(Ph <sub>3</sub> P) AuCl]" <i>Chemical Physics Letters</i> , November 19, 1999, pp. 725-732, Vol. 313.		
↓	R188	HAIXIN, L. <i>et al.</i> "Structure of the 1:1 complex of 6,6'-diquinolyl ether with 5,5-diethylbarbituric acid" <i>Acta Cryst.</i> , 1992, pp. 2096-2098, Vol. C48.		
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				Examiner Name	Leonard Williams
Sheet	26	of	36	Attorney Docket Number	TPI-350C1

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/AC/	R189	HENCK, J. et al. "Disappearing and reappearing polymorphs. The benzocaine:picric acid system" <i>J. Am. Chem. Soc.</i> , 2001, pp. 1834-1841, Vol. 123.				
	R190	HIGUCHI, T. et al. "Complexation of organic substances in aqueous solution by hydroxyaromatic acids and their salts" <i>J. Pharm. Sci.</i> , 1961, pp. 905-909, Vol. 50.				
	R191	HINO, T. et al. "Assessment of nicotinamide polymorphs by differential scanning calorimetry" <i>Thermochimica Acta</i> , 2001, pp. 85-92, Vol. 374.				
	R192	HÖGBERG, T. et al. "Crystallographic, theoretical and molecular modelling studies on the conformations of the salicylamide, raclopride, a selective dopamine-D <sub>2</sub> antagonist" <i>J. Pharm. Pharmacol.</i> , 1987, pp. 787-796, Vol. 39.				
	R193	HSU, I. et al. "The 2:1 crystal complex of 2-aminopyridine and 5,5-diethylbarbituric acid (barbital)" <i>Acta Cryst.</i> , 1974, pp. 994-997, Vol. B30.				
	R194	HSU, I. et al. "The 1:1 crystal complex of N-methyl-2-pyridone and 5,5-diethylbarbituric acid (barbital)" <i>Acta Cryst.</i> , 1974, pp. 998-1001, Vol. B30.				
	R195	HSU, I. et al. "The crystalline complex (1:1) of salicylamide and 5-ethyl-5-isoamylbarbituric acid (amobarbital)" <i>Acta Cryst.</i> , 1974, pp. 843-846, Vol. B30.				
	R196	HSU, I. et al. "The crystal structure of the 1:1 complex of acetamide with 5,5-diethylbarbituric acid (barbital)" <i>Acta Cryst.</i> , 1974, pp. 974-979, Vol. B30.				
	R197	HSU, I. et al. "The crystal structure of the triclinic 1:2 complex of hexamethylphosphoramide with 5,5-diethylbarbituric acid (barbital)" <i>Acta Cryst.</i> , 1974, pp. 1299-1304, Vol. B30.				
	R198	HSU, I. et al. "Hydrogen bonding NH...N of barbiturates: The 1:1 crystal complex of imidazole and 5,5-diethylbarbituric acid (barbital)" <i>Acta Cryst.</i> , 1974, pp. 988-993, Vol. B30.				
↓	R199	IBRAGIMOV, B. "A simple correlation between the structures of different crystal modifications of a given host-guest complex and their crystallization temperatures" <i>Journal of Inclusion of Phenomena and Macrocyclic Chemistry</i> , 1999, pp. 345-353, Vol. 34.				↓
Examiner Signature	/Abigail Cotton/ (03/20/2007)			Date Considered	03/20/2007	

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Sheet 27 of 36

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Application Number	10/660,202
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Attorney Docket Number	TPI-350C1

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/AC/	R200	ISHIDA, T. et al. "Structural study of histamine H <sub>2</sub> -receptor antagonists. Five 3-[2-(diamino-methyleneamino)-4-thiazolymethylthio] propionamidine and -amide derivatives" <i>Acta Cryst.</i> , 1989, pp. 505-512, Vol. B45.	
	R201	KATAKAI, R. et al. "Stepwise synthesis of oligopeptides with N-carboxy- $\alpha$ -amino acid anhydrides. IV. Glycine NCA" <i>J. Org. Chem.</i> , 1972, pp. 327-329, Vol. 37, No. 2.	
	R202	KAWAKAMI, Y. et al. "The rationale for E2020 as a potent acetylcholinesterase inhibitor" <i>Bioorganic &amp; Medicinal Chemistry</i> , 1996, pp. 1429-1446, Vol. 4, No. 9.	
	R203	KELDERS, H. et al. "Automated protein crystallization and a new crystal form of a subtilisin: eglin complex" <i>Protein Engineering</i> , 1987, pp. 301-303, Vol. 1, No. 4.	
	R204	KHALIL, R. M. "Complexation of paracetamol with xanthine derivatives" <i>Egypt. J. Pharm. Sci.</i> , 1992, pp. 757-769, Vol. 33, No. 5-6.	
	R205	KIM, S. "Crystal structure of the 1:1 complex of 5-fluorouracil and 9-ethylhypoxanthine" <i>Science</i> , November 24, 1967, pp. 1046-1048, Vol. 158, No. 3804.	
	R206	KIRYU, S. et al. "Crystal structure of a 1:1 aminopyrine-barbital complex" <i>Journal of Pharmaceutical Sciences</i> , May 1971, pp. 699-703, Vol. 60, No. 5.	
	R207	KIRYU, S. et al. "Crystal structure of a 1:1 aminopyrine-cyclobarbital complex" <i>Chem. Pharm. Bull.</i> , 1974, pp. 1588-1592, Vol. 22.	
	R208	KLEIN, C. et al. "Molecular structure of two conformationally restrained fentanyl analogues: cis- and trans-isomers of N-[3-methyl-1-[1,2,3,4-tetrahydro] naphthyl]-4-piperidinyl]-N-phenylpropanamide" <i>Journal of Pharmaceutical Sciences</i> , November 1985, pp. 1147-1151, Vol. 74, No. 11.	
	R209	KOSHIMA, H. et al. "Photoreactivities of two kinds of bimolecular crystals formed from acridine and phenothiazine" <i>J. Chem. Soc., Perkins Trans. 2</i> , 1997, pp. 2033-2038.	
↓	R210	KOSHIMA, H. et al. "Polymorphs of a cocrystal with achiral and chiral structures prepared by pseudoseeding: tryptamine/hydrocinnamic acid" <i>Crystal Growth &amp; Design</i> , 2001, pp. 355-357, Vol. 1, No. 5.	↓
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/AC/	R211	KRISHNAMOHAN SHARMA, C. V. et al. "X-ray crystal structure of C <sub>6</sub> H <sub>3</sub> (CO <sub>2</sub> H) <sub>3</sub> ·1,3,5·1.5(4,4'-bipy): a 'super trimesic acid' chicken-wire grid" <i>Chem. Commun.</i> , 1996, pp. 2655-2656.			
	R212	KURODA, R. et al. "Generation of a co-crystal phase with coloristic properties via solid state grinding procedures" <i>Chem. Commun.</i> , 2002, pp. 2848-2849.			
	R213	LEISEROWITZ, L. et al. "The molecular packing modes and hydrogen-bonding properties of amide: dicarboxylic acid complexes" <i>Acta Cryst.</i> , 1977, pp. 2719-2733, Vol. B33.			
	R214	LEISEROWITZ, L. "Molecular packing modes. Carboxylic acids" <i>Acta Cryst.</i> , 1976, pp. 775-802, Vol. B32.			
	R215	LYNCH, D. et al. "Molecular cocrystals of carboxylic acids. XXXI adducts of 2-aminopyrimidine and 3-amino-1,2,4-triazole with heterocyclic carboxylic acids" <i>Aust. J. Chem.</i> , 1998, pp. 403-408, Vol. 51.			
	R216	MACGILLIVRAY, L. et al. "Supramolecular control of reactivity in the solid state using linear molecular templates" <i>J. Am. Chem. Soc.</i> , 2000, pp. 7817-7818, Vol. 122.			
	R217	MATHIAS, J. et al. "Structural preferences of hydrogen-bonded networks in organic solution- the cyclic CA <sub>3</sub> · M <sub>3</sub> 'rosette'" <i>J. Am. Chem. Soc.</i> , 1994, pp. 4316-4325, Vol. 116.			
	R218	MASTROPAOLO, D. et al. "Hydrogen bonding interaction of diphenylhydantoin and 9-ethyladenine" <i>Molecular Pharmacology</i> , 1983, pp. 273-277, Vol. 23.			
	R219	MARYANOFF, B. "Stereochemistry in a medium-sized ring. Highly diastereoselective N-oxidation of a substituted 3-benzazonine. X-ray crystal structure of an unusual complex between an amine N-oxide and saccharin" <i>J. Org. Chem.</i> , 1990, pp. 760-764, Vol. 55.			
	R220	MARTIN, R. et al. "The caffeine-potassium chlorogenate molecular complex" <i>Phytochemistry</i> , 1987, pp. 273-279, Vol. 26, No. 1.			
↓	R221	ANDERSON, J. "Constitution of aurous compounds: Gold mirrors" <i>Nature</i> , October 2, 1937, pp. 583-584, Letters to the Editor.			
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/AC/	R222	ROBBINS, A. H. et al. "The crystal structure of the 1:2 adduct of potassium triiodide and 5,5-diethylbarbituric acid (barbital)" <i>American Crystallographic Association- Series 2, Papers and Abstracts</i> , 1973, p. 87.	
	R223	BEERGES, P. et al. "Phenothiazine tetracyanoethylene" <i>Private Communication</i> , 1994.	
	R224	MADARASZ, J. et al. "Thermal, ftir and xrd study on some 1:1 molecular compounds of theophylline" <i>Journal of Thermal Analysis and Calorimetry</i> , 2002, pp. 281-290, Vol. 69.	
	R225	CARONNA, T. et al. "Halogen bonding and π...π stacking control reactivity in the solid state" <i>J. Am. Chem. Soc.</i> , 2004, pp. 4500-4501, Vol. 126.	
	R226	ZERKOWSKI, J. et al. "Steric control of secondary, solid-state architecture in 1:1 complexes of melamines and barbiturates that crystallize as crinkled tapes" <i>J. Am. Chem. Soc.</i> , 1994, pp. 4298-4304, Vol. 116.	
	R227	ZAITU, S. et al. "1:1 Molecular complex of theophylline and p-nitroaniline" <i>Acta Cryst.</i> , 1995, pp. 2390-2392, Vol. C51.	
	R228	KOFLER, L. et al., <u>Thermal micromethods for the study of organic compounds and their mixtures</u> , pp. 1-145, 148-351, 354-386, Innsbruck, Austria, 1980.	
	R229	QUEHENBERGER, H. "Concerning organic molecular compounds and their polymorphism" <i>Monatshefte für Chemie</i> , 1949, pp. 595-606, Vol. 80, No. 5.	X
	R230	WIEDENFELD, H. et al. "The crystal structure of the theophylline-urea complex" <i>Arch. Pharm.</i> , 1986, pp. 654-659, Vol. 319.	X
	R231	BUNICK, G. et al. "The crystal and molecular structure of the complex 2,6-diamino-9-ethylpurine 5,5-diethylbarbituric acid" <i>American Crystallographic Association, Abstract Papers</i> Winter 1976, p. 30.	
↓	R232	BUCZAK, G. et al. "Crystal structure and vibrational spectra of the 1:1 and 1:2 complexes of pyridine betaine with pentachlorophenol" <i>Journal of Molecular Structure</i> , 1997, pp. 143-151, Vol. 436-437.	↓

Examiner Signature	/Abigail Cotton/ (03/20/2007)	Date Considered	03/20/2007
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Sheet 23 of 36

**Complete if Known**

Application Number	10/660,202
Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Group Art Unit	1617
Examiner Name	Leonard Williams

Attorney Docket Number

TPI-350C1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/AC/	R233	TOMURA, M. et al. "One-dimensional zigzag chain structures with intermolecular C-H...π and C-H...O interactions consisted of phthalic acid and pyridine derivatives" <i>Chemistry Letters</i> , 2001, pp. 532-533.	
	R234	ZERKOWSKI, J. et al. "Design of organic structures in the solid state: molecular tapes based on the network of hydrogen bonds present in the cyanuric acid-melamine complex" <i>J. Am. Chem. Soc.</i> , 1994, pp. 2382-2391, Vol. 116.	
	R235	HARKEMA, S. et al. "The crystal structure of urea oxalic acid (2:1)" <i>Acta Cryst.</i> , 1972, pp. 1646-1648, Vol. B28.	
	R236	KRANTZ, J. et al. "Sodium theophylline glycinate" <i>Journal of the American Pharmaceutical Association</i> , 1946, pp. 248-250.	
	R237	DATTA, S. et al. "Crystal structures of drugs: advances in determination, prediction and engineering" <i>Nature</i> , January 2004, pp. 42-57, Vol. 3.	
	R238	AAKERÖY, C. et al. "Charge-assisted hydrogen bonds and halogen-halogen interactions in organic salts: benzylammonium benzoates and pentafluorobenzoates" <i>Structural Chemistry</i> , 1999, pp. 229-242, Vol. 10, No. 3.	
	R239	CHILDS, S. et al. "Crystal engineering approach to forming cocrystals of amine hydrochlorides with organic acids. Molecular complexes of fluoxetine hydrochloride with benzoic, succinic, and fumaric acids" <i>J. Am. Chem. Soc.</i> , 2004, pp. 13335-13342, Vol. 126.	
	R240	AAKERÖY, C. et al. "Modular supramolecular synthesis based on a dominance hierarchy of intermolecular interactions (Abstract)" 223 <sup>rd</sup> ACS National Meeting in Orlando, FL., April 7-11, 2002, published by the American Chemical Society, Washington, D.C.	
	R241	HELFRICH, B. et al. "Polymorphism as an indication of structural versatility (Abstract)" 223 <sup>rd</sup> ACS National Meeting in Orlando, FL., April 7-11, 2002, published by the American Chemical Society, Washington, D.C.	
↓	R242	WEBER, E. et al. "Synthesis of new Schiff bases: reaction of monofluorobenzaldehydes with 3-aminosulfolane hydrochloride (Abstract)" 216 <sup>th</sup> ACS National Meeting in Boston, MA., August 23-27, 1998, published by the American Chemical Society, Washington, D.C.	↓

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Sheet 31 of 36

*Complete if Known*

Application Number	10/660,202
Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Group Art Unit	1617
Examiner Name	Leonard Williams
Attorney Docket Number	TPI-350C1

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/AC/	R243	SCARBROUGH, F. et al. "Crystal structure of a complex between lumiflavin and 2,6-diamino-9-ethylpurine: a flavin adenine dinucleotide model exhibiting charge-transfer interactions" <i>Proc. Natl. Acad. Sci. USA</i> , November 1976, pp. 3807-3811, Vol. 73, No. 11.	
	R244	MUNN, R. et al. "A Model for resonance-assisted hydrogen bonding in crystals and its graph set analysis" <i>J. Phys. Chem. A</i> , 2001, pp. 6938-6942, Vol. 105.	
	R245	LYNCH, D. et al. "1:1 Molecular complexes of 4-amino-N-(4,6-dimethylpyrimidin-2-yl) benzene-sulfonamide (sulfamethazine) with indole-2-carboxylic acid and 2,4-dinitrobenzoic acid" <i>Aust. J. Chem.</i> , 2000, pp. 383-387, Vol. 53.	
	R246	AAKEROY, C. et al. "Solid state, crystal engineering and hydrogen bonds" <i>Comprehensive Coordination Chemistry II</i> (ed. by McCleverty, J. et al.), pp. 679-688, Elsevier Ltd., Oxford, UK.	
	R247	LEVIN, B. et al. "The not-so-trivial synthesis and characterization of heterocyclic boronic acids (Abstract)" 38 <sup>th</sup> Midwest Regional Meeting of the American Chemical Society in Columbia, MO., November 5-7, 2003, published by the American Chemical Society, Washington, D.C.	
	R248	SMITH, G. et al. "Interactions of aromatic carboxylic acids with quinolin-8-ol (oxine): Synthesis and the crystal structures of the proton-transfer compounds with the nitro-substituted benzoic acids" <i>Aust. J. Chem.</i> , 2001, pp. 171-175, Vol. 54.	
	R249	STALKER, R. et al. "Asymmetric synthesis of two new conformationally constrained lysine derivatives" <i>Tetrahedron</i> , 2002, pp. 4837-4849, Vol. 58.	
	R250	VOET, D. et al. "Barbiturates and adenine derivatives. Molecular structure of a hydrogen-bonded complex" <i>Journal of the American Chemical Society</i> , August 9, 1972, pp. 5888-5891, Vol. 94, No. 16.	
	R251	VISHWESHWAR, P. et al. "Molecular complexes of homologous alkanedicarboxylic acids with isonicotinamide: X-ray crystal structures, hydrogen bond synthons, and melting point alternation" <i>Crystal Growth &amp; Design</i> , 2003, pp. 783-790, Vol. 3, No. 5.	
	R252	LE JEUNNE, C. et al. "Comparative efficacy and safety of calcium carbasalate plus metoclopramide versus ergotamine tartrate plus caffeine in the treatment of acute migraine attacks" <i>Eur. Neurol.</i> , 1999, pp. 37-43, Vol. 41.	
▼	R253	AAKEROY, C. et al. "Hydrogen-bonded layers of hydrogentartrate anions: two-dimensional building blocks for crystal engineering" <i>J. Mater. Chem.</i> , 1993, 1129-1135, Vol. 3, No. 11.	▼

Examiner Signature	Date Considered	03/20/2007
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Sheet	32	of	36	Application Number	10/660,202
				Filing Date	September 11, 2003
				First Named Inventor	Örn Almarsson
				Group Art Unit	1617
				Examiner Name	Leonard Williams
				Attorney Docket Number	TPI-350C1

NON PATENT LITERATURE DOCUMENTS					
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/AC/	R254	HU, Z. <i>et al.</i> "Separation of 4-aminobenzoic acid by cocrystallization: Crystal structure of the complex of 4-aminobenzoic acid with (2R,3R)-tartaric acid" <i>Journal of Chemical Crystallography</i> , December 2002, pp. 525-529, Vol. 32, No. 12.			T <sup>2</sup>
	R255	GUARRERA, D. <i>et al.</i> "Molecular self-assembly in the solid state. The combined use of solid state NMR and differential scanning calorimetry for the determination of phase constitution" <i>Chem. Mater.</i> , 1994, pp. 1293-1296, Vol. 6.			
	R256	DOI, M. <i>et al.</i> "Conformational study of a potent human renin inhibitor: x-ray crystal structure of isopropyl (2R, 3S)-4-cyclohexyl-2-hydroxy-3-(N-[(2R)-2-morpholinocarbonylmethyl-3-(1-naphthyl) propionyl]-L-histidylamino}butyrate (KRI-1314), a pentapeptide analogue with amino acid sequence corresponding to the cleavage site of angiotensinogen" <i>J. Chem. Soc. Perkin Trans. 1</i> , 1991, pp. 1153-1158.			
	R257	CRIHFIELD, A. <i>et al.</i> "Crystal engineering through halogen bonding. 2. Complexes of diacetylene-linked heterocycles with organic iodides" <i>Crystal Growth &amp; Design</i> , 2003, pp. 313-320, Vol. 3, No. 3.			
	R258	AAKERÖY, C. <i>et al.</i> "A versatile route to porous solids: organic-inorganic hybrid materials assembled through hydrogen bonds" <i>Angew. Chem. Int. Ed.</i> , 1999, pp. 1815-1819, Vol. 38, No. 12.			
	R259	SHEFTER, E. <i>et al.</i> , ACS, Abstr. Papers (Summer), 1970, 35, compound name: sulfathiazole-theophylline complex.			
	R260	SHEFTER, E. <i>et al.</i> , ACS, Abstr. Papers (Summer), 1970, 35, compound name: sulfathiazole-sulfanilamide complex.			
	R261	WIEDENFELD, H. <i>et al.</i> "Solubilization of aminophenazone" <i>Arch. Pharm.</i> , 1982, pp. 633-641, Vol. 315.			x
	R262	CACCIAPUOTI, A. <i>et al.</i> "In vitro and in vivo activities of SCH 56592 (Posaconazole), a new triazole antifungal agent, against <i>Aspergillus</i> and <i>Candida</i> " <i>Antimicrobial Agents and Chemotherapy</i> , August 2000, pp. 2017-2022, Vol. 44, No. 8.			
	R263	CALLAHAN, J.C. <i>et al.</i> "Equilibrium moisture content of pharmaceutical excipients" <i>Drug Development and Industrial Pharmacy</i> , 1982, pp. 355-369, Vol. 8, No. 3.			
↓	R264	DANNAOUI, E. <i>et al.</i> "Acquired itraconazole resistance in <i>Aspergillus fumigatus</i> " <i>Journal of Antimicrobial Chemotherapy</i> , 2001, pp. 333-340, Vol. 47.			↓

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Sheet

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Application Number	10/660,202
Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Group Art Unit	1617
Examiner Name	Leonard Williams
Attorney Docket Number	TPI-350C1

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/AC/	R265	DENNING, D. W. et al. "In vitro activity of Saperconazole (R66 905) compared with Amphotericin B and Itraconazole against <i>Aspergillus</i> species" <i>Eur. J. Clin. Microbial. Infect. Dis.</i> , 1990, pp. 693-697, Vol. 9.	
	R267	DRESSMAN, J. B. et al. "Dissolution testing as a prognostic tool for oral drug absorption: immediate release dosage forms" <i>Pharmaceutical Research</i> , 1998, pp. 11-22, Vol. 15, No. 1.	
	R268	EBERT, W. R. "Soft elastic gelatin capsules: a unique dosage form" <i>Pharmaceutical Technology</i> , October 1977, pp. 44-50, Vol. 1, No. 5.	
	R269	GASCON, M. -P. et al. "In vitro forecasting of drugs which may interfere with the biotransformation of midazolam" <i>Eur. J. Clin. Pharmacol.</i> , 1991, pp. 573-578, Vol. 41.	
	R270	HEERES, J. et al. "Antimycotic azoles. 7. Synthesis and antifungal properties of a series of novel triazol-3-ones" <i>J. Med. Chem.</i> , 1984, pp. 894-900, Vol. 27.	
	R271	HONIG, P. K. et al. "Itraconazole affects single-dose Terfenadine pharmacokinetics and cardiac repolarization pharmacodynamics" <i>J. Clin. Pharmacol.</i> , 1993, pp. 1201-1206, Vol. 33.	
	R272	IMAI, T. et al. "Successful treatment of cerebral Aspergillosis with a high oral dose of Itraconazole after excisional surgery" <i>Internal Medicine</i> , October 1999, pp. 829-832, Vol. 38, No. 10.	
	R273	KOVACS, J. et al. "New type of bridged monoamino- $\beta$ -cyclodextrins" <i>Journal of Inclusion Phenomena and Molecular Recognition in Chemistry</i> , 1996, pp. 53-56, Vol. 25.	
	R274	LAVRIJSEN, A. P. M. et al. "Hepatic injury associated with itraconazole" <i>The Lancet</i> , July 25, 1992, pp. 251-252, Vol. 340.	
	R275	NEUVONEN, P. J. et al. "Itraconazole drastically increases plasma concentrations of lovastatin and lovastatin acid" <i>Clinical Pharmacology &amp; Therapeutics</i> , 1996, pp. 54-61, Vol. 60, No. 1.	
↓	R276	NOMEIR, A. A. et al. "Pharmacokinetics of SCH 56592, a new azole broad-spectrum antifungal agent, in mice, rats, rabbits, dogs, and cynomolgus monkeys" <i>Antimicrobial Agents and Chemotherapy</i> , March 2000, pp. 727-731, Vol. 44, No. 3.	✓

Examiner Signature	/Abigail Cotton/ (03/20/2007)	Date Considered	03/20/2007
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Sheet 34 of 36

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Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Group Art Unit	1617
Examiner Name	Leonard Williams
Attorney Docket Number	TPI-350C1

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/AC/	R277	ODDS, F. C. "Antifungal activity of saperconazole (R 66 905) <i>in vitro</i> " <i>Journal of Antimicrobial Chemotherapy</i> , 1989, pp. 533-537, Vol. 24.	
	R278	REMENAR, J. F. <i>et al.</i> "Crystal engineering of novel cocrystals of a triazole drug with 1,4-dicarboxylic acids" <i>J. Am. Chem. Soc.</i> , 2003, pp. 8456-8457, Vol. 125.	
	R279	SAKSENA, A. K. <i>et al.</i> "Advances in the chemistry of novel broad-spectrum orally active azole antifungals: recent studies leading to the discovery of SCH 56592" in <u>Advances in the Chemistry of Novel Broad-Spectrum Orally Active Azole Antifungals</u> (Royal Soc. Chem., Cambridge), 1997, pp. 180-199.	
	R280	SAKSENA, A. K. <i>et al.</i> "Concise asymmetric routes to 2,2,4-trisubstituted tetrahydrofurans via chiral titanium imide enolates: key intermediates towards synthesis of highly active azole antifungals SCH 51048 and SCH 56592" <i>Tetrahedron Letters</i> , 1996, pp. 5657-5660, Vol. 37, No. 32.	
	R281	HEPPERLE, M. <i>et al.</i> "Mono N-arylation of piperazine(III): metal-catalyzed N-arylation and its application to the novel preparations of the antifungal posaconazole and its advanced intermediate" <i>Tetrahedron Letters</i> , 2002, pp. 3359-3363, Vol. 43.	
	R282	CUTSEM, J. V. <i>et al.</i> "Oral and parenteral therapy with saperconazole (R 66905) of invasive aspergillosis in normal and immunocompromised animals" <i>Antimicrobial Agents and Chemotherapy</i> , December 1989, pp. 2063-2068, Vol. 33, No. 12.	
	R283	VILLA, L. A. <i>et al.</i> "Central nervous system paracoccidioidomycosis. Report of a case successfully treated with itraconazol" <i>Rev. Inst. Med. Trop. S. Paulo</i> , July-August, 2000, pp. 231-234, Vol. 42, No. 4.	
	R284	WEST, A. R., "Solid Solutions" In: <u>Solid State Chemistry and its Applications</u> , 1988, p. 358, p. 365, Wiley, NY.	
	R285	ARONHIME, J. <i>et al.</i> "Crystalline forms of pharmaceuticals and characterization thereof", Oral Presentation, March 8, 2005, USPTO, Alexandria, VA.	
	R286	DESIRAJU, G. R. "Chemistry beyond the molecule" <i>Nature</i> , July 26, 2001, pp. 397-400, Vol. 412.	
↓	R287	GAVEZZOTTI, A. "Are crystal structures predictable?" <i>Acc. Chem. Res.</i> , 1994, pp. 309-314, Vol. 27.	↓

03/20/2007

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<p>Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE      STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i></p>				<b>Complete if Known</b>	
Sheet	35	of	36	Application Number	10/660,202
				Filing Date	September 11, 2003
				First Named Inventor	Örn Almarsson
				Group Art Unit	1617
				Examiner Name	Leonard Williams
				Attorney Docket Number	TPI-350C1

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/AC/	R288	Physician's Desk Reference, 56 <sup>th</sup> Ed., pp. 1800-1804, 2002.			
	R289	KIM, H. et al. "High-performance liquid chromatographic analysis of the anti-fungal agent SCH 56592 in dog serum" <i>Journal of Chromatography B</i> , 2000, pp. 93-98, Vol. 738.			
	R290	VIPPAGUNTA, S. R. et al. "Crystalline solids" <i>Advanced Drug Delivery Reviews</i> , 2001, pp. 3-26, Vol. 48.			
	R291	MCCRONE, W. C. "Polymorphism", In: <i>The Physics and Chemistry of the Organic Solid State</i> , Vol. II, FOX, D. et al. (eds.), 1965, pp. 725-767, Interscience, New York.			
	R292	LEGER, J.M. et al. "Crystal Structure of the 1:1 Sulfacetamide-Caffeine Complex" <i>Acta Cryst.</i> , 1977, pp. 1455-1459, Vol. B33.			
	R293	SIMONOV, Y. et al. "Structure of the caffeine-copper(II) acetate additional compound", <i>Izvestiya Akademii Nauk Moldavskoi SSR, Seriya Fiziko-Tekhnicheskikh i Matematicheskikh Nauk</i> , 1972, Vol. 3, pp. 83-84, abstract only.			
	R294	WEISSBUCH, I. et al. "Understanding and control of nucleation, growth, habit, dissolution and structure of two- and three-dimensional crystals using 'tailor-made' auxiliaries" <i>Acta Cryst.</i> , 1995, B51:115-148.			
	R295	FAUGHT, E. et al. "Topiramate Dose-Ranging Trial in Refractory Partial Epilepsy", <i>Amer. Epilepsy Soc. Proc.</i> , (1995), pg. 33, Vol. 36, Supp. 4.			
	R296	PRIVITERA, M. et al. "Dose-Ranging Trial with Higher Doses of Topiramate in Patients with Resistant Partial Seizures", <i>Amer. Epilepsy Soc. Proc.</i> , 1995, pg. 33, Vol. 36, Supp. 4.			
	R297	SACHDEO, S. K. et al. "Topiramate: Double-Blind Trial as Monotherapy", <i>Amer. Epilepsy Soc. Proc.</i> , 1995, pg. 33, Vol. 36, Supp. 4.			
↓	R298	Press Release. "Clinical Development of Topiramate for Obesity Extended to Simplify Dosing, Improve Tolerability". <a href="http://www.orthomcneil.com/news/article020402.html">http://www.orthomcneil.com/news/article020402.html</a> (February 4, 2002), N.J.			

Examiner Signature	/Abigail Cotton/ (03/20/2007)	Date Considered	03/20/2007
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**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

36

of

36

*Complete if Known*

Application Number	10/660,202
Filing Date	September 11, 2003
First Named Inventor	Örn Almarsson
Group Art Unit	1617
Examiner Name	Leonard Williams
Attorney Docket Number	TPI-350C1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/AC/	R299	ROSENFELD, W. E. "Topiramate: A Review of Preclinical, Pharmacokinetic, and Clinical Data", <i>Clinical Therapeutics</i> , 1997, pp. 1294-1308, Vol. 19, No. 6.	
	R300	Physician's Desk Reference, 56 <sup>th</sup> Edition, 2002, pp. 2590-2595.	
	R301	DATABASE WPI, Section Ch, Week 197936, Derwent Publishing Ltd., London, Great Britain, Class B02, AN 1979-65538B, XP002282989 and JP 54 095589A (Sumitomo) 1979 Abstract.	
	R302	FUNG <i>et al.</i> , "Solvent Effects on Comparative Dissolution of Pharmaceutical Solvates," <i>Chem. Farm. Bull.</i> , 22(2), pgs. 454-458 (1974).	
↓	R303	RUBINO <i>et al.</i> , "Influence of Solvent Composition on the Solubilities and Solid-State Properties of the Sodium Salts of Some Drugs", <i>Int. J. of Pharma</i> , 65, pgs. 141-145 (1990).	
↓	R304	FITZGERALD, G. A. "The Coxibs, Selective Inhibitors of Cyclooxygenase-2", <i>New England Journal of Medicine</i> , Vol. 345, No. 6, August 9, 2001.	↓
	R305		
	R306		
	R307		
	R308		
	R309		

Examiner Signature	/Abigail Cotton/ (03/20/2007)	Date Considered	03/20/2007
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>				Application Number	10/606,202
Sheet	1	of	1	Filing Date	September 11, 2003
				First Named Inventor	Orn Almarsson
				Art Unit	1653
				Examiner Name	
				Attorney Docket Number	TPI-350C1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AC/	U1	US-3,028,420	04-03-1962	Petrov et al.	All
/AC/	U2	US-5,621,207	05-28-1998	Graneto	All
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	F1				
	F2				
	F3				
	F4				
	F5				
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	F7				

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